

# CUBIT Capability Proposal

**Technical Area**

Geometry, Meshing, Infrastructure, GUI, Graphics, etc..

**Technical Lead**

Cubit Developer in charge of technical area

Support-Documentation	Steve Owen
-----------------------	------------

**MRD Description**

Describe the capability in terms of how a user would see it.

Provide an advanced online webcutting tutorial
------------------------------------------------

**SRS Description**

What needs to be done by Cubit developers to implement this capability? Break the tasks into steps if applicable. (Steps should be on the order of 2 man-weeks or more)

- |                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"><li>1. This tutorial should demonstrate various strategies for decomposing a model (assuming reasonable geometry) so you can use the pave and sweep schemes. Show 2 or more different strategies for decomposing the same geometry and compare approaches with mesh quality. This would also include some of the virtual geometry operators.</li></ol> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Justification**

Describe why this is important and what impact it will have if it is implemented. (or not implemented).

Users have asked for more tutorials. A well crafted tutorial can help train new users and new developers on the idiosyncracies of using the CUBIT program.
------------------------------------------------------------------------------------------------------------------------------------------------------------

**Resources**

Who will work on this

**Time estimate**

How much time will it take in man-weeks

**Targeted Release**

10.2 (August 06), 10.3 (March 2007), 10.4 (August 2007), Future (beyond FY07)

Sara Richards	2 man-weeks (maybe less)	10.2
---------------	--------------------------	------

**Submitted By:**

Sara Richards	April 3, 2006
---------------	---------------

**Date:**